



Twin Cities Campus

History of Science, Technology, and Medicine Minor

CLA Dean's Office

College of Liberal Arts

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2022
- Required credits in this minor: 14

The undergraduate minor in the history of science, technology, and medicine (HSTM) combines upper-division coursework in the history of science and technology (HSCI) with upper-division coursework in the history of medicine (HMED) to build a humanistic background to the basic applied sciences, technologies and/or healthcare professions. Students interested in the HSTM minor should consult with the director of undergraduate studies for the HSTM program and draw up a plan of study that represents a coherent theme within the history of sciences, technology, and medicine. Normally such a coherent program entails survey coursework in the history of science, the history of technology, or the history of medicine, along with more advanced historical work around a specific field (science, technology, or medicine) or theme (focus on a particular time period, geographical focus, type of history, etc.).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Electives

Other courses, including honors courses taught by HSTM faculty, may be approved at the discretion of the Director of Undergraduate Studies.

Take 14 or more credit(s) from the following:

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Take no more than 1 course(s) totaling 0 - 4 credit(s) from the following:

- [HSCI 1011](#) - Digital World [HIS, TS] (3.0 cr)
- [HSCI 1212](#) - Life on Earth: Origins, Evolution & Ecology [HIS, ENV] (4.0 cr)
- [HSCI 1585](#) - Mammoths, Minerals, Monoculture: History of Earth and Environmental Science [HIS] (3.0 cr)
- [HSCI 1714](#) - Stone Tools to Steam Engines: Technology and History to 1750 [HIS, TS] (3.0 - 4.0 cr)
- [HSCI 1715](#) - History of Modern Technology: Waterwheels to the Web [HIS, TS] (3.0 - 4.0 cr)
- [HSCI 1814](#) - Revolutions in Science: The Babylonians to Newton [HIS, GP] (3.0 - 4.0 cr)
- [HSCI 1815](#) - Making Modern Science: Atoms, Genes and Quanta [HIS, GP] (3.0 - 4.0 cr)

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Take 10 - 14 credit(s) from the following:

History of Medicine

Take 0 or more course(s) from the following:

- [HMED 3001W](#) - Health, Disease, and Healing I [HIS, WI] (4.0 cr)
- [HMED 3002W](#) - Health Care in History II [HIS, WI] (4.0 cr)
- [HMED 3040](#) - Human Health, Disease, and the Environment in History [HIS] (3.0 cr)
- [HMED 3055](#) - Women, Health, and History [HIS, DSJ] (3.0 cr)
- [HMED 3065](#) - Body, Soul, and Spirit in Medieval and Renaissance European Medicine (3.0 cr)
- [HMED 4965W](#) - Senior Research in Medical History (3.0 cr)
- [HMED 3075](#) - Technology and Medicine in Modern America [HIS, TS] (3.0 cr)
or [HMED 5075](#) - Technology and Medicine in Modern America (3.0 cr)
- [HMED 3940](#) - Topics in History of Medicine (1.0 - 3.0 cr)
or [HMED 5940](#) - Topics in the History of Medicine (3.0 cr)

History of Science and Technology

Take 0 or more course(s) from the following:

- [HSCI 3714](#) - Stone Tools to Steam Engines: Technology and History to 1750 [HIS, TS] (3.0 - 4.0 cr)
- [HSCI 3715](#) - History of Modern Technology: Waterwheels to the Web [HIS, TS] (3.0 - 4.0 cr)
- [HSCI 3814](#) - Revolutions in Science: The Babylonians to Newton [HIS, GP] (3.0 - 4.0 cr)
- [HSCI 3815](#) - Making Modern Science: Atoms, Genes and Quanta [HIS, GP] (3.0 - 4.0 cr)
- [HSCI 4060](#) - Special Topics in History of Technology (3.0 cr)
- [HSCI 4455](#) - Women, Gender, and Science [HIS, DSJ] (3.0 cr)
- [HSCI 3211](#) - Biology and Culture in the 19th and 20th Centuries [HIS, CIV] (3.0 cr)
or [HSCI 5211](#) - Biology and Culture in the 19th and 20th Centuries [CIV] (3.0 cr)
- [HSCI 3242](#) - Navigating a Darwinian World [HIS] (3.0 cr)



- or [HSCI 5242](#) - Navigating a Darwinian World (3.0 cr)
- [HSCI 3244](#) - Nature's History: Science, Humans, and the Environment [HIS, ENV] (3.0 cr)
or [HSCI 5244](#) - Nature's History: Science, Humans, and the Environment (3.0 cr)
- [HSCI 3331](#) - Technology and American Culture [HIS, TS] (3.0 cr)
or [HSCI 5331](#) - Technology and American Culture (3.0 cr)
- [HSCI 3332](#) - Science in the Shaping of America [HIS, DSJ] (3.0 cr)
or [HSCI 5332](#) - Science in the Shaping of America (3.0 cr)
- [HSCI 3401](#) - Ethics in Science and Technology [HIS, CIV] (3.0 cr)
or [HSCI 5401](#) - Ethics in Science and Technology (3.0 cr)
- [HSCI 3421](#) - Engineering Ethics [HIS, CIV] (3.0 cr)
or [HSCI 5421](#) - Engineering Ethics (3.0 cr)
- [HSCI 3611](#) - Enlightenment, Revolution, and the Rise of Modern Science [HIS, GP] (3.0 cr)
or [HSCI 5611](#) - Enlightenment, Revolution, and the Rise of Modern Science (3.0 cr)
- [HSCI 4121W](#) - History of 20th-Century Physics [WI] (3.0 cr)
or [PHYS 4121W](#) - History of 20th-Century Physics [WI] (3.0 cr)
- [HSCI 4321](#) - History of Computing [TS, HIS] (3.0 cr)
or [CSCI 4921](#) - History of Computing [TS, HIS] (3.0 cr)
- **Directed Studies and Research**
Take 0 - 3 credit(s) from the following:
 - [HMED 3993](#) - Directed Study (1.0 - 4.0 cr)
 - [HSCI 5993](#) - Directed Studies (1.0 - 15.0 cr)
 - [HSCI 5994](#) - Directed Research (1.0 - 15.0 cr)